

2001 Chevrolet S10 Pickup

2000-01 TRANSMISSION SERVICING Manual Transmission - Trucks

2000-01 TRANSMISSION SERVICING**Manual Transmission - Trucks****MODEL IDENTIFICATION****MODEL IDENTIFICATION**

Series ⁽¹⁾	Model
"C"	2WD Cab & Chassis, Sierra, Sierra HD, Silverado & Silverado HD
"E"	2WD Tracker
"J"	4WD Tracker
"K"	4WD Cab & Chassis, Sierra, Sierra HD, Silverado & Silverado HD
"S"	2WD Blazer, Jimmy, Sonoma & S10 Pickup
"T"	4WD Blazer, Jimmy, Sonoma & S10 Pickup
(1) Vehicle series is fifth character of VIN.	

APPLICATION**MANUAL TRANSMISSION APPLICATIONS**

Application	Transmission Model (RPO Code)
Blazer & Jimmy	
2WD	NV3500 5-Speed (M50)
4WD	NV3500 5-Speed (M50)
Sonoma & S10 Pickup	
2.2L	NV1500 5-Speed (MW2)
4.3L	
2WD	NV3500 5-Speed (M50)
4WD	NV3500 5-Speed (M50)
"C" & "K" Pickup, Sierra & Silverado	
2WD	NV3500 5-Speed (MG5) Or NV4500 5-Speed (MW3)
4WD	NV3500 5-Speed (MG5) Or NV4500 5-Speed (MW3)
Sierra HD & Silverado HD	
2WD	NV4500 (MW3) 5-Speed Or ZF S6- 650 6-Speed (ML6)
4WD	NV4500 (MW3) Or ZF S6-650 6- Speed (ML6)

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Tracker	
2WD	Suzuki 5-Speed (M59)
4WD	Suzuki 5-Speed (M59)

TRANSFER CASE APPLICATIONS

Application	Transfer Case Model
Blazer, Jimmy, Sonoma & S10 Pickup	NV233 Or NV236
"K" Pickup	NV241, Borg-Warner 44-01 Or 44-70
Sierra & Silverado	NV246 Or NV261
Tracker	⁽¹⁾ Suzuki
(1) Manufacturer does not identify transfer case by model number.	

IDENTIFICATION

Identification tag for ZF S6-650 6-speed transmission is located on left side of case. All other transmissions are stamped with a VIN code or derivative. Transfer cases can be identified by a tag attached at rear of case. Tag provides transfer case model number, low range reduction ratio and assembly number.

LUBRICATION

SERVICE INTERVALS

Transmission ("C" & "K" Series)

Check transmission fluid level every 6 months or at each engine oil change. On models equipped with 4.3L or 4.8L engines, change transmission fluid at 150,000 miles. On models equipped with 6.0L engine, change transmission fluid at 200,000 miles.

NOTE: For service intervals on models equipped with engines not listed, refer to vehicle owner's manual.

Transmission ("E" & "J" Series)

Check transmission fluid level every 6 months or at each engine oil change. Under normal driving conditions, change transmission fluid every 30,000 miles. Under severe driving conditions, change transmission fluid every 15,000 miles.

Transmission ("S" & "T" Series)

Check transmission fluid level at each engine oil change. Periodic draining and refilling is not required.

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Transfer Case ("C", "K", "S" & "T" Series)

Check transfer case fluid level every 6 months or at each engine oil change. On NV236 and NV246 models, change fluid every 50,000 miles. On all other models, periodic draining and refilling is not required.

Transfer Case ("E" & "J" Series)

Check transfer case fluid level every 6 months or at each engine oil change. Under normal driving conditions, change transfer case fluid every 30,000 miles. Under severe driving conditions, change transfer case fluid every 15,000 miles.

CHECKING FLUID LEVEL

Transmission & Transfer Case

Remove fill plug. Check oil level. Oil should be level with bottom of fill hole. Install fill plug and tighten to specification. See **TORQUE SPECIFICATIONS**.

RECOMMENDED FLUID

RECOMMENDED FLUID (TRANSMISSION)

Application	Fluid Type
NV1500	GM Synchronesh Fluid (12377916)
NV3500	GM Synchronesh Fluid (12345349)
NV4500	Synthetic SAE 75W-85 GL-4 Lubricant (12346190)
Tracker (M59)	Synthetic SAE 75W-85 GL-4 Lubricant (12346190)
ZF S6-650	TranSynd(tm) Synthetic ATF (12378515)

RECOMMENDED FLUID (TRANSFER CASE)

Application	Fluid Type
Borg-Warner 44-01/44-70, NV233, NV241 & NV261	Dexron-III ATF
NV236 & NV246	Auto-Trac(R) II Fluid (12378508)
Tracker	Synthetic SAE 75W-85 GL-4 Lubricant (12346190)

FLUID CAPACITIES

MANUAL TRANSMISSION FLUID CAPACITIES ⁽¹⁾

Application	Pts. (L)
NV1500	5.7 (2.7)
NV3500	4.2 (2.0)
NV4500	8.0 (3.8)

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Tracker (M59)

2WD	4.0 (1.9)
4WD	3.2 (1.5)
ZF S6-650	13.0 (6.2)

(1) Fluid capacities listed are approximate. Always fill to specified level. See **CHECKING FLUID LEVEL** .

TRANSFER CASE FLUID CAPACITIES ⁽¹⁾

Application	Pts. (L)
Borg-Warner 44-01	3.2 (1.5)
Borg-Warner 44-70	3.2 (1.5)
NV233	2.0 (1.0)
NV236	4.0 (1.9)
NV241	4.4 (2.1)
NV246	4.0 (1.9)
NV261	4.0 (1.9)
Tracker	3.6 (1.7)

(1) Fluid capacities listed are approximate. Always fill to specified level. See **CHECKING FLUID LEVEL** .

DRAINING & REFILLING

Transmission

NOTE: NV4500 is not equipped with drain plug. Remove lower PTO cover bolt to drain.

Remove fill and drain plugs. After fluid has drained, reinstall drain plug and tighten to specification. See **TORQUE SPECIFICATIONS** . Fill transmission to proper level. See **FLUID CAPACITIES** and **CHECKING FLUID LEVEL** . Install fill plug and tighten to specification.

Transfer Case

Remove fill and drain plugs. After fluid has drained, reinstall drain plug and tighten to specification. See **TORQUE SPECIFICATIONS** . Fill transfer case to proper level. See **FLUID CAPACITIES** and **CHECKING FLUID LEVEL** . Install fill plug and tighten to specification.

ADJUSTMENTS

NOTE: No external adjustments are required for transmission linkage.

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For models equipped with adjustable (mechanical) transfer case linkage, see appropriate article in TRANSFER CASES.

TORQUE SPECIFICATIONS

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Application	Ft. Lbs. (N.m)
PTO Cover Bolt (NV4500)	30 (41)
Transfer Case Drain Plug	
Borg-Warner 44-01 & 44-70	18 (24)
NV233, NV236, NV246 & NV261	15 (20)
NV241	18 (24)
Tracker	21 (28)
Transfer Case Fill Plug	
Borg-Warner 44-01 & 44-70	18 (24)
NV233, NV236, NV246 & NV261	15 (20)
NV241	18 (24)
Tracker	17 (23)
Transmission Oil Drain Plug	
NV1500	27 (37)
NV3500	44 (60)
Tracker	20 (28)
Transmission Oil Fill Plug	
NV1500	17 (23)
NV3500	44 (60)
Tracker	20 (28)